

## Refine Search

### Search Results -

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L5 and 562/\$	11

**Database:**

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US Patents Full-Text Database  
US OCR Full-Text Database  
EPO Abstracts Database  
JPO Abstracts Database  
Derwent World Patents Index  
IBM Technical Disclosure Bulletins

**Search:**

L6

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### Search History

DATE: Friday, December 22, 2006   [Purge Queries](#)   [Printable Copy](#)   [Create Case](#)

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side by side

**Hit Count**   **Set Name**  
result set

*DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=ADJ*

<u>L6</u>	L5 and 562/\$	11	<u>L6</u>
<u>L5</u>	L4 and mo and fe and bi	31	<u>L5</u>
<u>L4</u>	L3 and multi	142	<u>L4</u>
<u>L3</u>	L2 and metal oxide	477	<u>L3</u>
<u>L2</u>	propene and acrylic acid and hetero\$9	2072	<u>L2</u>

*DB=PGPB; PLUR=YES; OP=ADJ*

<u>L1</u>	20040192964	1	<u>L1</u>
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☐ 1. Document ID: US 20040054222 A1

L6: Entry 1 of 11

File: PGPB

Mar 18, 2004

PGPUB-DOCUMENT-NUMBER: 20040054222

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040054222 A1

TITLE: Heterogenically catalysed gas-phase partial oxidation method for precursor compounds of (meth)acrylic acid

PUBLICATION-DATE: March 18, 2004

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Felder, Raimund	Neustadt		DE
Unverricht, Signe	Mannheim		DE
Arnold, Heiko	Mannheim		DE
Petzoldt, Jochen	Mannheim		DE

US-CL-CURRENT: 562/547; 502/208, 502/210, 502/211, 502/212, 502/213, 502/311, 502/312

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw D
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☐ 2. Document ID: US 20030187299 A1

L6: Entry 2 of 11

File: PGPB

Oct 2, 2003

PGPUB-DOCUMENT-NUMBER: 20030187299

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030187299 A1

TITLE: Method for producing acrolein and/or acrylic acid

PUBLICATION-DATE: October 2, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Machhammer, Otto	Mannheim		DE
Adami, Christoph	Weinheim		DE
Hechler, Claus	Ludwigshafen		DE

Zehner, Peter

Ludwigshafen

DE

US-CL-CURRENT: 562/547; 568/475

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWC	Draw. D.
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☐ 3. Document ID: US 20030187298 A1

L6: Entry 3 of 11

File: PGPB

Oct 2, 2003

PGPUB-DOCUMENT-NUMBER: 20030187298

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030187298 A1

TITLE: Method for producing acrylic acid by the heterogeneously catalysed gas-phase oxidation of propane

PUBLICATION-DATE: October 2, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Borgmeier, Frieder	Mannheim		DE
Tenten, Andreas	Maikammer		DE
Hibst, Hartmut	Schriesheim		DE
Muller-Engel, Klaus Joachim	Stutensee		DE
Unverricht, Signe	Mannheim		DE
Cox, Gerhard	Bad D?uuml;rkheim		DE

US-CL-CURRENT: 562/546; 562/547

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWC	Draw. D.
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☐ 4. Document ID: US 20030181761 A1

L6: Entry 4 of 11

File: PGPB

Sep 25, 2003

PGPUB-DOCUMENT-NUMBER: 20030181761

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030181761 A1

TITLE: Method for producing multiple-phase multi-metal oxide materials

PUBLICATION-DATE: September 25, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Unverricht, Signe	Mannheim		DE
Felder, Raimund	Neustadt		DE
Arnold, Heiko	Mannheim		DE
Petzoldt, Jochen	Mannheim		DE

US-CL-CURRENT: 562/535; 502/306, 502/311

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw D
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☐ 5. Document ID: US 20030040570 A1

L6: Entry 5 of 11

File: PGPB

Feb 27, 2003

PGPUB-DOCUMENT-NUMBER: 20030040570

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030040570 A1

TITLE: Preparation of pure (meth)acrylic acid and (meth)acrylates

PUBLICATION-DATE: February 27, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Nestler, Gerhard	Wien		AT
Schroeder, Juergen	Ludwigshafen		DE

US-CL-CURRENT: 524/558; 524/556, 526/317.1, 526/319, 562/400

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw D
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☐ 6. Document ID: US 7129195 B2

L6: Entry 6 of 11

File: USPT

Oct 31, 2006

US-PAT-NO: 7129195

DOCUMENT-IDENTIFIER: US 7129195 B2

TITLE: Heterogenically catalysed gas-phase partial oxidation method for precursor compounds of (meth)acrylic acid

## PRIOR-PUBLICATION:

DOC-ID	DATE
US 20040054222 A1	March 18, 2004

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw D
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☐ 7. Document ID: US 6867328 B2

L6: Entry 7 of 11

File: USPT

Mar 15, 2005

US-PAT-NO: 6867328

DOCUMENT-IDENTIFIER: US 6867328 B2

\*\* See image for Certificate of Correction \*\*

TITLE: Method for producing acrylic acid by the heterogeneously catalysed gas-phase oxidation of propane

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw D
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☐ 8. Document ID: US 6797839 B1

L6: Entry 8 of 11

File: USPT

Sep 28, 2004

US-PAT-NO: 6797839

DOCUMENT-IDENTIFIER: US 6797839 B1

TITLE: Multi-metal oxide materials with a two-phase structure

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw D
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☐ 9. Document ID: US 6794539 B2

L6: Entry 9 of 11

File: USPT

Sep 21, 2004

US-PAT-NO: 6794539

DOCUMENT-IDENTIFIER: US 6794539 B2

TITLE: Method for producing multiple-phase multi-metal oxide materials

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw D
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☐ 10. Document ID: US 6737545 B1

L6: Entry 10 of 11

File: USPT

May 18, 2004

US-PAT-NO: 6737545

DOCUMENT-IDENTIFIER: US 6737545 B1

TITLE: Multi-metal oxide compounds with a two-phase structure

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw D
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☐ 11. Document ID: US 6426433 B1

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File: USPT

Jul 30, 2002

US-PAT-NO: 6426433

DOCUMENT-IDENTIFIER: US 6426433 B1

TITLE: Method for producing acrolein and/or acrylic acid from propane

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw D
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